

191

AOLFR01.pr	20	*	40	*	60	*	80	*	100	
AOLFR02.pr	KT				FSSFLQIGRNMHOGNQTTI				TEFTTTEFFKQDE-HQNLFLVFLG	46
AOLFR03.pr		MMVLR							NLSMEPTNALLGFTDYPK-LQPLFLVFL	35
AOLFR04.pr		LLTDR							NTS-GTTELLGFSDYPE-LQPLFLVFLA	34
AOLFR05.pr									ENQNN--VTEFIILGLENLEMKFISA-VFLV	31
AOLFR06.pr		GKE							NCTTVABEILGLSDVPE-LRVCLFLFL	33
AOLFR07.pr		MASER							NQSSPTFEILGFSXEPE-LQPLFLVFL	35
AOLFR08.pr									SYFYRLKMKBAVLKLPFT--SLPLLQLTLSRKSDEMEIKNYSSTSGEILGLSSNPQ-LQPLFLVFL	70
AOLFR09.pr									ATSNHSSGAEILALGTORPE-LQPLFLVFLG	33
AOLFR10.pr									LARNNSLVTEFIILGLTDRPE-FWQPFVFLV	33
AOLFR11.pr									LARNNSLVTEFIILGLTDRPE-FRQPLFLVFL	33
AOLFR12.pr									TLRNSSSVTEFIILGLSEQPE-LQPLFLVFLG	33
AOLFR13.pr									GR-ICYSVLSLGEPTTMMGRNNLTR--DQKNG	83
AOLFR14.pr									PSEFIILGLSSRPE-DOKPLFAVFLP	83
AOLFR15.pr		ALPL							SSFTGFIILGFSDRPQ-LELVFLVFLI	33
AOLFR16.pr		RENNQ							SENLTAAVAPAEFVILGITNRWD-LRVFLTCLP	58
AOLFR17.pr									SSTLEFIILGVTGOE-QSDFFVILFL	33
AOLFR18.pr									RR-NCTLVTEFIILGLTSRRE-LQILLFTFLA	32
AOLFR19.pr									L-NFTDVTEFIILGLTSRRE-WQVLFVFLV	31
AOLFR20.pr									ENTNGSAITEFIILGLTDCPE-LQSLFLVFLV	33
AOLFR21.pr									ETKNYSSTSGEILGLSSNPQ-LQKPLFAIFI	34
AOLFR22.pr									ENHMKNEFIILGLTDRPE-LKTLFVFLA	33
AOLFR23.pr									EPKRN--VTDEVLGFTQNPKEQVFLV-MFL	31
AOLFR24.pr									RXXNN--XTEFVILGFSQDPGVXKALFV-MFL	31
AOLFR25.pr									KNLTRYI--EILAGFMDHPK-LEIPLVFLS	33
AOLFR26.pr									ETGNLTW--VSDFVILGTSQRELQRFVFL-MFL	33
AOLFR27.pr									AAKNSS-VTEFIILGLTHOPG-LRIPLFLVFLG	32
AOLFR28.pr									QNYSIISEFIILGFSAPQHLPLFLVFL	34
AOLFR29.pr									P-NFTDVTEFIILGLTCQOE-LQVLFVFLA	31
AOLFR30.pr									SHSPVILGFS-RANISYTLFLFLA	35
AOLFR31.pr									GFLSPMHPCRPPTQORMAAGNHSTVTEFIILGLTKRAD-LQPLFLVFLG	50
AOLFR32.pr									GNDTTVVEFIILGLSEDTT-VCAILFLVFLG	33
AOLFR33.pr									NSLK--DGNTALTGFIILGLTDDPI-LRVILFVFLS	36
AOLFR34.pr									CV-EH-L--LLLLLLTDVNSKELQSGNQTSHFIILGLHPPQ-LGAPFLVFLV	54
AOLFR35.pr									LNRT--E-VSEFVILGFSGYPA-LEHLLFLCSA	33
AOLFR36.pr										1
AOLFR37.pr									ANET--SPVMGEVILRLSAHPE-LEKTFVFL	34
AOLFR38.pr										1
AOLFR39.pr									GVKNHSTVTEFIILGLTEQAEI-LQPLFLVFLG	33
AOLFR40.pr									SNATLLTAIEFIILGLPHAPG-LDAPLFGIFV	31
AOLFR41.pr									NPENWTQVTSFVILGFPSSHLLI--QPLVFLGLMV	33
AOLFR42.pr									NPANHSO--VAGFVILGLSQVWEL-RFVFTVFLA	33
AOLFR43.pr									IATSGNLVH-AAVFLVILGLGPTTHFWLAPLCP	46
AOLFR44.pr									SSCNPTH-A-TEFVILGIPGLEKA-HFWGVFLS	32
AOLFR45.pr									ST--H-PAVELVILGIPGLEH-LHWISIPFCF	35
AOLFR46.pr									NIKHCGWHIHTWLNIREDDSDFKNFIGIQIGLSGNPHSTTRMYFLCFTSLGFKVHWSRLIXKLYMASPNNDSTAPVSEFIILGFCFPNQSWH-WLSLPLSL	107
AOLFR47.pr									LT--H-PTAFVILGIPGLEH-LHIWISIPFCL	35
AOLFR48.pr									VDPNNGESSA-T-YEILGLGLEEA-QFWLAPLCS	36
AOLFR49.pr									PSSEMTGIPGLES-LHWLWISIPFGS	35
AOLFR50.pr									ALSNSSWRPL-OPSEFVILGIPGLEE-SQHWIALPLGI	51
AOLFR51.pr									LGPAYNHTMETPASEFIILGIPGLQSS-HLWLAISLSA	63
AOLFR52.pr									LGPAYNHTMETPASEFIILGIPGLQSS-HLWLAISLSA	37

Figure 1

AOLFR01.pr	120	140	160	180	200
AOLFR02.pr	120	140	160	180	200
AOLFR03.pr	120	140	160	180	200
AOLFR04.pr	120	140	160	180	200
AOLFR05.pr	120	140	160	180	200
AOLFR06.pr	120	140	160	180	200
AOLFR07.pr	120	140	160	180	200
AOLFR08.pr	120	140	160	180	200
AOLFR09.pr	120	140	160	180	200
AOLFR10.pr	120	140	160	180	200
AOLFR11.pr	120	140	160	180	200
AOLFR12.pr	120	140	160	180	200
AOLFR13.pr	120	140	160	180	200
AOLFR14.pr	120	140	160	180	200
AOLFR15.pr	120	140	160	180	200
AOLFR16.pr	120	140	160	180	200
AOLFR17.pr	120	140	160	180	200
AOLFR18.pr	120	140	160	180	200
AOLFR19.pr	120	140	160	180	200
AOLFR20.pr	120	140	160	180	200
AOLFR21.pr	120	140	160	180	200
AOLFR22.pr	120	140	160	180	200
AOLFR23.pr	120	140	160	180	200
AOLFR24.pr	120	140	160	180	200
AOLFR25.pr	120	140	160	180	200
AOLFR26.pr	120	140	160	180	200
AOLFR27.pr	120	140	160	180	200
AOLFR28.pr	120	140	160	180	200
AOLFR29.pr	120	140	160	180	200
AOLFR30.pr	120	140	160	180	200
AOLFR31.pr	120	140	160	180	200
AOLFR32.pr	120	140	160	180	200
AOLFR33.pr	120	140	160	180	200
AOLFR34.pr	120	140	160	180	200
AOLFR35.pr	120	140	160	180	200
AOLFR36.pr	120	140	160	180	200
AOLFR37.pr	120	140	160	180	200
AOLFR38.pr	120	140	160	180	200
AOLFR39.pr	120	140	160	180	200
AOLFR40.pr	120	140	160	180	200
AOLFR41.pr	120	140	160	180	200
AOLFR42.pr	120	140	160	180	200
AOLFR43.pr	120	140	160	180	200
AOLFR44.pr	120	140	160	180	200
AOLFR45.pr	120	140	160	180	200
AOLFR46.pr	120	140	160	180	200
AOLFR47.pr	120	140	160	180	200
AOLFR48.pr	120	140	160	180	200
AOLFR49.pr	120	140	160	180	200
AOLFR50.pr	120	140	160	180	200
AOLFR51.pr	120	140	160	180	200
AOLFR52.pr	120	140	160	180	200

Figure 1

AOLFR01.pr	240	260	320
AOLFR02.pr	240	260	320
AOLFR03.pr	240	260	320
AOLFR04.pr	240	260	320
AOLFR05.pr	240	260	320
AOLFR06.pr	240	260	320
AOLFR07.pr	240	260	320
AOLFR08.pr	240	260	320
AOLFR09.pr	240	260	320
AOLFR10.pr	240	260	320
AOLFR11.pr	240	260	320
AOLFR12.pr	240	260	320
AOLFR13.pr	240	260	320
AOLFR14.pr	240	260	320
AOLFR15.pr	240	260	320
AOLFR16.pr	240	260	320
AOLFR17.pr	240	260	320
AOLFR18.pr	240	260	320
AOLFR19.pr	240	260	320
AOLFR20.pr	240	260	320
AOLFR21.pr	240	260	320
AOLFR22.pr	240	260	320
AOLFR23.pr	240	260	320
AOLFR24.pr	240	260	320
AOLFR25.pr	240	260	320
AOLFR26.pr	240	260	320
AOLFR27.pr	240	260	320
AOLFR28.pr	240	260	320
AOLFR29.pr	240	260	320
AOLFR30.pr	240	260	320
AOLFR31.pr	240	260	320
AOLFR32.pr	240	260	320
AOLFR33.pr	240	260	320
AOLFR34.pr	240	260	320
AOLFR35.pr	240	260	320
AOLFR36.pr	240	260	320
AOLFR37.pr	240	260	320
AOLFR38.pr	240	260	320
AOLFR39.pr	240	260	320
AOLFR40.pr	240	260	320
AOLFR41.pr	240	260	320
AOLFR42.pr	240	260	320
AOLFR43.pr	240	260	320
AOLFR44.pr	240	260	320
AOLFR45.pr	240	260	320
AOLFR46.pr	240	260	320
AOLFR47.pr	240	260	320
AOLFR48.pr	240	260	320
AOLFR49.pr	240	260	320
AOLFR50.pr	240	260	320
AOLFR51.pr	240	260	320
AOLFR52.pr	240	260	320
AOLFR53.pr	240	260	320
AOLFR54.pr	240	260	320
AOLFR55.pr	240	260	320
AOLFR56.pr	240	260	320
AOLFR57.pr	240	260	320
AOLFR58.pr	240	260	320
AOLFR59.pr	240	260	320
AOLFR60.pr	240	260	320
AOLFR61.pr	240	260	320
AOLFR62.pr	240	260	320
AOLFR63.pr	240	260	320
AOLFR64.pr	240	260	320
AOLFR65.pr	240	260	320
AOLFR66.pr	240	260	320
AOLFR67.pr	240	260	320
AOLFR68.pr	240	260	320
AOLFR69.pr	240	260	320
AOLFR70.pr	240	260	320
AOLFR71.pr	240	260	320
AOLFR72.pr	240	260	320
AOLFR73.pr	240	260	320
AOLFR74.pr	240	260	320
AOLFR75.pr	240	260	320
AOLFR76.pr	240	260	320
AOLFR77.pr	240	260	320
AOLFR78.pr	240	260	320
AOLFR79.pr	240	260	320
AOLFR80.pr	240	260	320
AOLFR81.pr	240	260	320
AOLFR82.pr	240	260	320
AOLFR83.pr	240	260	320
AOLFR84.pr	240	260	320
AOLFR85.pr	240	260	320
AOLFR86.pr	240	260	320
AOLFR87.pr	240	260	320
AOLFR88.pr	240	260	320
AOLFR89.pr	240	260	320
AOLFR90.pr	240	260	320
AOLFR91.pr	240	260	320
AOLFR92.pr	240	260	320
AOLFR93.pr	240	260	320
AOLFR94.pr	240	260	320
AOLFR95.pr	240	260	320
AOLFR96.pr	240	260	320
AOLFR97.pr	240	260	320
AOLFR98.pr	240	260	320
AOLFR99.pr	240	260	320
AOLFR100.pr	240	260	320

Figure 1

AOLFR01.pr	TOGRKA	FSTCGSHLTV	LFYGTI	VGYPFSSST	HPEDTDKIGAL	TVTPMNPFF	YLSLRNKK	KGAL	RLKLNRRKISSL	325		
AOLFR02.pr	VSGRKA	FSTWASHLTAI	TIFHGTIL	FLYCVPNKNSR	QTVKASV	FVTVNPMNP	YLSLRNKK	DAF	FWKLIHTQVDFH	314		
AOLFR03.pr	VSGRKA	FSTWASHLTAI	TIFHGTIL	FLYCVPNKNSR	HTVKASV	FVTVNPMNP	YLSLRNKK	DAF	FWKLIHTQVDFH	313		
AOLFR04.pr	SKGRKA	LSTCGSHLTV	VLFPVP	CIFLYRPPVTHPI	DKAMASDS	ITPMPNP	YLSLRNKK	DAF	FWKLIHTQVDFH	309		
AOLFR05.pr	AEGRKA	FSTCASHLTAI	TVFHGTIL	SLYCRPSSNGS	DADKATV	FVTVNPMNP	YLSLRNKK	DAF	FWKLIHTQVDFH	311		
AOLFR06.pr	ASGRKA	FSTCASHLTAI	TIFHGTIL	FLYCVPNKPTSS	LIVTVASV	FVTVNPMNP	YLSLRNKK	DAF	FWKLIHTQVDFH	314		
AOLFR07.pr	AAGKKA	FSTCGSHLTV	ALFYGSI	IYVYRPLSM	YSVVRDRA	FVTVNPMNP	YLSLRNKK	DAF	FWKLIHTQVDFH	347		
AOLFR08.pr	TEGRKA	FSTCGSHLTV	GIFPGSIT	FMFKPPSSSTM	EKEKSSV	FVTVNPMNP	YLSLRNKK	DAF	FWKLIHTQVDFH	311		
AOLFR09.pr	TEGRKA	FSTCGSHLTV	SLFFGSAA	FMFKYKSSGSM	EKGKSSV	FVTVNPMNP	YLSLRNKK	DAF	FWKLIHTQVDFH	313		
AOLFR10.pr	TEGRKA	FSTCGSHLTV	SLFFGSAA	FMFKYKSSGSM	EKGKSSV	FVTVNPMNP	YLSLRNKK	DAF	FWKLIHTQVDFH	313		
AOLFR11.pr	AEGRKA	FSTCGSHLTV	ALFFGSGT	FYTLTTSFPGSM	HGREASV	FVTVNPMNP	YLSLRNKK	DAF	FWKLIHTQVDFH	309		
AOLFR12.pr	AAGKKA	FSTCGSHLTV	TLFYGSI	SYVYQPLSN	YTVKQATII	FVTVNPMNP	YLSLRNKK	DAF	FWKLIHTQVDFH	360		
AOLFR13.pr	ATGRKA	FSTCGSHLTV	SLFYGTA	IYAYLQP	GNNYSQDQ	KXISL	FVTVNPMNP	YLSLRNKK	DAF	FWKLIHTQVDFH	312	
AOLFR14.pr	VEGRKA	ASTCGSHLTV	AMYGTLI	FYLPRSSSYAL	DTD	KDASV	FVTVNPMNP	YLSLRNKK	DAF	FWKLIHTQVDFH	341	
AOLFR15.pr	TEGRKA	FSTCGSHLTV	SLFYGTV	MGTYRPLTN	YS	LKDAMITM	FVTVNPMNP	YLSLRNKK	DAF	FWKLIHTQVDFH	309	
AOLFR16.pr	TEGRKA	FSTCGSHLTV	TIFVATLF	FMYLPPPSSEV	EKGKSSV	FVTVNPMNP	YLSLRNKK	DAF	FWKLIHTQVDFH	311		
AOLFR17.pr	AEGRKA	FSTCGSHLTV	ILFYGTIL	FMYLRRPTESV	EKGKSSV	FVTVNPMNP	YLSLRNKK	DAF	FWKLIHTQVDFH	307		
AOLFR18.pr	AEGRKA	FSTCGSHLTV	TLFYGTIL	FMYLRRPTESV	EKGKSSV	FVTVNPMNP	YLSLRNKK	DAF	FWKLIHTQVDFH	305		
AOLFR19.pr	AAGKKA	FSTCGSHLTV	VLFYGSI	IYVYRPLSM	YSVVRDRA	FVTVNPMNP	YLSLRNKK	DAF	FWKLIHTQVDFH	311		
AOLFR20.pr	KEGRKA	FSTCASHFSSV	SLFYGSI	IYVYRPLSM	YSVVRDRA	FVTVNPMNP	YLSLRNKK	DAF	FWKLIHTQVDFH	316		
AOLFR21.pr	QKGRKA	HSTCASHLTV	VFFPVP	CIFMCAVPARTFSI	DKSVSV	FVTVNPMNP	YLSLRNKK	DAF	FWKLIHTQVDFH	299		
AOLFR22.pr	QKGRKA	HSTCASHLTV	VFFPVP	CIFMCAVPARTFSI	DKSVSV	FVTVNPMNP	YLSLRNKK	DAF	FWKLIHTQVDFH	315		
AOLFR23.pr	SGGRKA	FSTCASHLTV	ALFFGALI	FMYLQSSGKSL	EED	KVSVF	FVTVNPMNP	YLSLRNKK	DAF	FWKLIHTQVDFH	314	
AOLFR24.pr	GEGRKA	ASTCTHILTV	SLFYRVP	SIYLYARPFTFPM	DKSVSV	FVTVNPMNP	YLSLRNKK	DAF	FWKLIHTQVDFH	307		
AOLFR25.pr	TEGRKA	FSTCGSHLTV	SLFYGSA	FMYLKPLSLPL	EKGKSSV	FVTVNPMNP	YLSLRNKK	DAF	FWKLIHTQVDFH	310		
AOLFR26.pr	AEGRKA	FSTCGSHLTV	VTHYS	FASFIYLPKGLHSM	YSDAMAT	FVTVNPMNP	YLSLRNKK	DAF	FWKLIHTQVDFH	316		
AOLFR27.pr	ADGRKA	FSTCGSHLTV	SLFYGTPI	FMYLRRPTESV	EKGKSSV	FVTVNPMNP	YLSLRNKK	DAF	FWKLIHTQVDFH	310		
AOLFR28.pr	ADGRKA	FSTCGSHLTV	SLFYGTPI	FMYLRRPTESV	EKGKSSV	FVTVNPMNP	YLSLRNKK	DAF	FWKLIHTQVDFH	318		
AOLFR29.pr	AAGRKA	VSTCGSHLTV	GFLYGTIC	FMYPQPPF	QNSQDM	ASVMT	FVTVNPMNP	YLSLRNKK	DAF	FWKLIHTQVDFH	311	
AOLFR30.pr	TEGRKA	FSTCGSHLTV	CMFYGTA	FMYLKPTSSSL	TQENM	ASVMT	FVTVNPMNP	YLSLRNKK	DAF	FWKLIHTQVDFH	326	
AOLFR31.pr	TKGRKA	FSTCTSHLTV	TLFYGTIT	FMYPKPSYST	DQENM	ASVMT	FVTVNPMNP	YLSLRNKK	DAF	FWKLIHTQVDFH	311	
AOLFR32.pr	TEGRKA	FSTCTSHLTV	TLFYGTIT	FMYPKPSYST	DQENM	ASVMT	FVTVNPMNP	YLSLRNKK	DAF	FWKLIHTQVDFH	322	
AOLFR33.pr	ADGRKA	FSTCASHLTV	IVFYVP	CTFYLRPQSEPL	DQENM	ASVMT	FVTVNPMNP	YLSLRNKK	DAF	FWKLIHTQVDFH	332	
AOLFR34.pr	ADGRKA	FSTCASHLTV	IVFYVP	CTFYLRPQSEPL	DQENM	ASVMT	FVTVNPMNP	YLSLRNKK	DAF	FWKLIHTQVDFH	312	
AOLFR35.pr	AARCKA	FSTGLAHLTV	LFYGTI	IFMYLKPKSKEA	HISDEV	FVTVNPMNP	YLSLRNKK	DAF	FWKLIHTQVDFH	294		
AOLFR36.pr	SDGYKA	FSAQCGHLTV	CLFYGTIC	FMYPKPSYST	QNSQDM	ASVMT	FVTVNPMNP	YLSLRNKK	DAF	FWKLIHTQVDFH	319	
AOLFR37.pr	AEGRKA	VSTCGSHLTV	IVFYGTI	FMYPKPSYST	DQENM	ASVMT	FVTVNPMNP	YLSLRNKK	DAF	FWKLIHTQVDFH	314	
AOLFR38.pr	SDRKS	FSTCGSHLTV	CLFYGTIC	FMYPKPSYST	HISDEV	FVTVNPMNP	YLSLRNKK	DAF	FWKLIHTQVDFH	311		
AOLFR39.pr	AEGRKA	FSTCGSHLTV	IVFYGTI	FMYPKPSYST	DQENM	ASVMT	FVTVNPMNP	YLSLRNKK	DAF	FWKLIHTQVDFH	322	
AOLFR40.pr	AEGRKA	FSTCGSHLTV	IVFYGTI	FMYPKPSYST	DQENM	ASVMT	FVTVNPMNP	YLSLRNKK	DAF	FWKLIHTQVDFH	312	
AOLFR41.pr	AEGRKA	FSTCGSHLTV	IVFYGTI	FMYPKPSYST	DQENM	ASVMT	FVTVNPMNP	YLSLRNKK	DAF	FWKLIHTQVDFH	319	
AOLFR42.pr	AEGRKA	FSTCGSHLTV	IVFYGTI	FMYPKPSYST	DQENM	ASVMT	FVTVNPMNP	YLSLRNKK	DAF	FWKLIHTQVDFH	314	
AOLFR43.pr	AEGRKA	FSTCGSHLTV	IVFYGTI	FMYPKPSYST	DQENM	ASVMT	FVTVNPMNP	YLSLRNKK	DAF	FWKLIHTQVDFH	311	
AOLFR44.pr	AEGRKA	FSTCGSHLTV	IVFYGTI	FMYPKPSYST	DQENM	ASVMT	FVTVNPMNP	YLSLRNKK	DAF	FWKLIHTQVDFH	323	
AOLFR45.pr	AEGRKA	FSTCGSHLTV	IVFYGTI	FMYPKPSYST	DQENM	ASVMT	FVTVNPMNP	YLSLRNKK	DAF	FWKLIHTQVDFH	318	
AOLFR46.pr	AEGRKA	FSTCGSHLTV	IVFYGTI	FMYPKPSYST	DQENM	ASVMT	FVTVNPMNP	YLSLRNKK	DAF	FWKLIHTQVDFH	324	
AOLFR47.pr	AEGRKA	FSTCGSHLTV	IVFYGTI	FMYPKPSYST	DQENM	ASVMT	FVTVNPMNP	YLSLRNKK	DAF	FWKLIHTQVDFH	320	
AOLFR48.pr	AEGRKA	FSTCGSHLTV	IVFYGTI	FMYPKPSYST	DQENM	ASVMT	FVTVNPMNP	YLSLRNKK	DAF	FWKLIHTQVDFH	314	
AOLFR49.pr	PEARLT	LGTCAASHLTV	LFYVP	IAVSSLIHRFGQC	V	PPVHT	LANFYLL	PPVNP	YLSLRNKK	DAF	FWKLIHTQVDFH	318
AOLFR50.pr	NEARLKA	FSTCGSHVTV	LVFYLP	PGMSFSLTHRFGH	V	PHVHTV	LADLTV	PPVNP	YLSLRNKK	DAF	FWKLIHTQVDFH	319
AOLFR51.pr	KTAKLKA	LSTCGSHVTV	ALVYLP	PGMASIYAALQGDIV	V	PLHTQV	LADLTV	PPVNP	YLSLRNKK	DAF	FWKLIHTQVDFH	350
AOLFR52.pr	KTAKLKA	LSTCGSHVTV	ALVYLP	PGMASIYAALQGDIV	V	PLHTQV	LADLTV	PPVNP	YLSLRNKK	DAF	FWKLIHTQVDFH	324

Figure 1

440

AOLFR01.pr : ----- :
AOLFR02.pr : ----- :
AOLFR03.pr : ----- :
AOLFR04.pr : ----- :
AOLFR05.pr : ----- :
AOLFR06.pr : ----- :
AOLFR07.pr : ----- :
AOLFR08.pr : ----- :
AOLFR09.pr : ----- :
AOLFR10.pr : ----- :
AOLFR11.pr : ----- :
AOLFR12.pr : ----- :
AOLFR13.pr : ----- :
AOLFR14.pr : ----- :
AOLFR15.pr : ----- :
AOLFR16.pr : ----- :
AOLFR17.pr : ----- :
AOLFR18.pr : ----- :
AOLFR19.pr : ----- :
AOLFR20.pr : ----- :
AOLFR21.pr : ----- :
AOLFR22.pr : ----- :
AOLFR23.pr : ----- :
AOLFR25.pr : ----- :
AOLFR26.pr : ----- :
AOLFR27.pr : ----- :
AOLFR28.pr : ----- :
AOLFR29.pr : ----- :
AOLFR30.pr : ----- :
AOLFR31.pr : ----- :
AOLFR32.pr : ----- :
AOLFR33.pr : ----- :
AOLFR34.pr : ----- :
AOLFR35.pr : ----- :
AOLFR36.pr : HSIPTSANPAP : 305
AOLFR37.pr : ----- :
AOLFR38.pr : EKGQPH----- : 300
AOLFR39.pr : ----- :
AOLFR40.pr : ----- :
AOLFR41.pr : ----- :
AOLFR42.pr : ----- :
AOLFR43.pr : ----- :
AOLFR44.pr : ----- :
AOLFR45.pr : ----- :
AOLFR46.pr : ----- :
AOLFR47.pr : ----- :
AOLFR48.pr : ----- :
AOLFR49.pr : ----- :
AOLFR50.pr : ----- :
AOLFR51.pr : ----- :
AOLFR52.pr : ----- :

Figure 1

Fig 2

Genomic coordinates for the AOLF54-109 region on chromosome 10. The coordinates are shown in the left margin, and the corresponding genomic coordinates are shown in the right margin.

AOLF54.pr	M	20	*	40	*	60	*	80	*	100	
AOLF57.pr	M										50
AOLF58.pr	M										59
AOLF59.pr	M										99
AOLF60.pr	M										49
AOLF61.pr	M										49
AOLF62.pr	M										49
AOLF63.pr	M										49
AOLF64.pr	M										49
AOLF65.pr	M										53
AOLF66.pr	M										49
AOLF67.pr	M										49
AOLF68.pr	M										51
AOLF69.pr	M										86
AOLF70.pr	M										77
AOLF71.pr	M										47
AOLF72.pr	M										47
AOLF74.pr	M										47
AOLF75.pr	M										47
AOLF76.pr	M										47
AOLF77.pr	M										47
AOLF78.pr	M										49
AOLF79.pr	M										54
AOLF80.pr	M										47
AOLF81.pr	M										65
AOLF82.pr	M										45
AOLF83.pr	M										46
AOLF85.pr	M										45
AOLF86.pr	M										72
AOLF87.pr	M										101
AOLF88.pr	M										47
AOLF89.pr	M										72
AOLF90.pr	M										99
AOLF91.pr	M										45
AOLF92.pr	M										45
AOLF93.pr	M										46
AOLF94.pr	M										46
AOLF95.pr	M										72
AOLF96.pr	M										47
AOLF97.pr	M										98
AOLF98.pr	M										48
AOLF99.pr	M										47
AOLF101.p	M										47
AOLF102.p	M										51
AOLF103.p	M										47
AOLF105.p	M										47
AOLF106.p	M										47
AOLF107.p	M										47
AOLF108.p	M										63
AOLF109.p	M										47

Figure 2

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AOLFR54.pr : VHAMDNA-HAPMVEFLCHISLTDPAALS-140*120
AOLFR57.pr : STCTQ-LHQPMVEFLNYPSLSDCYSTSVT--140*120
AOLFR58.pr : TILSSPALVSPMVEFLGFLSFLDACFSSVIT--140*120
AOLFR59.pr : VIWIESS-LHQPMVHISILAVNDGMS--LSTIEPMVLAVLMDAP-EIQASACVAQLF-FIHITTFLESVLLAWAFDRVAICHPRLPHTLITNSVIGKIGLACLL : 152
AOLFR60.pr : VIKTSS-LHQPMVEFLAMATTVDGLS--TATIEPMIGLFWINLR-GHIEACACQOMF-FIHNTFLMESAVLVAIDSVAINPLOSALINKVSVVGLGVFV : 152
AOLFR61.pr : IIKTEPS-LHQPMVEFLAMAMSDIAGLS--LSSIEPMVSTIFLENAP-ETSSACQAEF-FIHGTSVLESVLLMSDFRLALNPLRTSLITTVRVAQIGVFSF : 152
AOLFR62.pr : VIKVEQT-LREPMVEFLAISTIDALS--ATSVEPMIGLWFDAD-EMEGACVAQOMF-LIHARTGMEAEVLAAPLHATHLISLVGLHSMCIVI : 152
AOLFR63.pr : IIKTEPS-LHQPMVEFLAMAMSDIAGLS--LSSIEPMVSTIFLENAP-ETSSACQAEF-FIHGTSVLESVLLMSDFRLALNPLRTSLITTVRVAQIGVFSF : 152
AOLFR64.pr : VIKTAT-LHQPMVEFLGMAVTNGLC--LSTIEPMIGLWFDTR-EIPIACTQLF-FIHITLSSMESVLLMSDFRLALNPLRTSLITTVRVAQIGVFSF : 152
AOLFR65.pr : VIQTQS-LHQPMVEFLAMAMSDIAGLS--LSSIEPMVSTIFLENAP-ETSSACQAEF-FIHGTSVLESVLLMSDFRLALNPLRTSLITTVRVAQIGVFSF : 152
AOLFR66.pr : LIYCEA-LHQPMVEFLALISFTDILMC--TSTLEPMITILWENLK-EDIEKACLAQOMF-FVHTTTCGMSGLMALDIECAVLCFPLRATLITNSVIKAGHITFL : 152
AOLFR67.pr : LISHEA-LHQPMVEFLALISFTDILMC--TSTLEPMITILWENLK-EDIEKACLAQOMF-FVHTTTCGMSGLMALDIECAVLCFPLRATLITNSVIKAGHITFL : 152
AOLFR68.pr : TIMLEAS-LHQPMVEFLALISFTDILMC--TSTLEPMITILWENLK-EDIEKACLAQOMF-FVHTTTCGMSGLMALDIECAVLCFPLRATLITNSVIKAGHITFL : 152
AOLFR69.pr : WIRDQ-LHQPMVEFLAMAMSDIAGLS--LSSIEPMVSTIFLENAP-ETSSACQAEF-FIHGTSVLESVLLMSDFRLALNPLRTSLITTVRVAQIGVFSF : 152
AOLFR70.pr : IVIDSW-LHQPMVEFLAMAMSDIAGLS--LSSIEPMVSTIFLENAP-ETSSACQAEF-FIHGTSVLESVLLMSDFRLALNPLRTSLITTVRVAQIGVFSF : 152
AOLFR71.pr : IIRLDQ-LHQPMVEFLALISFTDILMC--TSTLEPMITILWENLK-EDIEKACLAQOMF-FVHTTTCGMSGLMALDIECAVLCFPLRATLITNSVIKAGHITFL : 152
AOLFR72.pr : LTVSDR-LHQPMVEFLALISFTDILMC--TSTLEPMITILWENLK-EDIEKACLAQOMF-FVHTTTCGMSGLMALDIECAVLCFPLRATLITNSVIKAGHITFL : 152
AOLFR73.pr : LTKLDSR-LHQPMVEFLALISFTDILMC--TSTLEPMITILWENLK-EDIEKACLAQOMF-FVHTTTCGMSGLMALDIECAVLCFPLRATLITNSVIKAGHITFL : 152
AOLFR74.pr : LTKLDSR-LHQPMVEFLALISFTDILMC--TSTLEPMITILWENLK-EDIEKACLAQOMF-FVHTTTCGMSGLMALDIECAVLCFPLRATLITNSVIKAGHITFL : 152
AOLFR75.pr : AIGSDHC-LHQPMVEFLAMAMSDIAGLS--LSSIEPMVSTIFLENAP-ETSSACQAEF-FIHGTSVLESVLLMSDFRLALNPLRTSLITTVRVAQIGVFSF : 152
AOLFR76.pr : LILDSH-LHQPMVEFLAMAMSDIAGLS--LSSIEPMVSTIFLENAP-ETSSACQAEF-FIHGTSVLESVLLMSDFRLALNPLRTSLITTVRVAQIGVFSF : 152
AOLFR77.pr : LIRVDSR-LHQPMVEFLAMAMSDIAGLS--LSSIEPMVSTIFLENAP-ETSSACQAEF-FIHGTSVLESVLLMSDFRLALNPLRTSLITTVRVAQIGVFSF : 152
AOLFR78.pr : VVRADR-LHQPMVEFLAMAMSDIAGLS--LSSIEPMVSTIFLENAP-ETSSACQAEF-FIHGTSVLESVLLMSDFRLALNPLRTSLITTVRVAQIGVFSF : 152
AOLFR79.pr : LIFTDH-LHQPMVEFLAMAMSDIAGLS--LSSIEPMVSTIFLENAP-ETSSACQAEF-FIHGTSVLESVLLMSDFRLALNPLRTSLITTVRVAQIGVFSF : 152
AOLFR80.pr : IYQINHS-LHQPMVEFLAMAMSDIAGLS--LSSIEPMVSTIFLENAP-ETSSACQAEF-FIHGTSVLESVLLMSDFRLALNPLRTSLITTVRVAQIGVFSF : 152
AOLFR81.pr : IYQINHS-LHQPMVEFLAMAMSDIAGLS--LSSIEPMVSTIFLENAP-ETSSACQAEF-FIHGTSVLESVLLMSDFRLALNPLRTSLITTVRVAQIGVFSF : 152
AOLFR82.pr : IYQINHS-LHQPMVEFLAMAMSDIAGLS--LSSIEPMVSTIFLENAP-ETSSACQAEF-FIHGTSVLESVLLMSDFRLALNPLRTSLITTVRVAQIGVFSF : 152
AOLFR83.pr : IYQINHS-LHQPMVEFLAMAMSDIAGLS--LSSIEPMVSTIFLENAP-ETSSACQAEF-FIHGTSVLESVLLMSDFRLALNPLRTSLITTVRVAQIGVFSF : 152
AOLFR84.pr : IYQINHS-LHQPMVEFLAMAMSDIAGLS--LSSIEPMVSTIFLENAP-ETSSACQAEF-FIHGTSVLESVLLMSDFRLALNPLRTSLITTVRVAQIGVFSF : 152
AOLFR85.pr : IYQINHS-LHQPMVEFLAMAMSDIAGLS--LSSIEPMVSTIFLENAP-ETSSACQAEF-FIHGTSVLESVLLMSDFRLALNPLRTSLITTVRVAQIGVFSF : 152
AOLFR86.pr : IYQINHS-LHQPMVEFLAMAMSDIAGLS--LSSIEPMVSTIFLENAP-ETSSACQAEF-FIHGTSVLESVLLMSDFRLALNPLRTSLITTVRVAQIGVFSF : 152
AOLFR87.pr : IYQINHS-LHQPMVEFLAMAMSDIAGLS--LSSIEPMVSTIFLENAP-ETSSACQAEF-FIHGTSVLESVLLMSDFRLALNPLRTSLITTVRVAQIGVFSF : 152
AOLFR88.pr : IYQINHS-LHQPMVEFLAMAMSDIAGLS--LSSIEPMVSTIFLENAP-ETSSACQAEF-FIHGTSVLESVLLMSDFRLALNPLRTSLITTVRVAQIGVFSF : 152
AOLFR89.pr : IYQINHS-LHQPMVEFLAMAMSDIAGLS--LSSIEPMVSTIFLENAP-ETSSACQAEF-FIHGTSVLESVLLMSDFRLALNPLRTSLITTVRVAQIGVFSF : 152
AOLFR90.pr : IYQINHS-LHQPMVEFLAMAMSDIAGLS--LSSIEPMVSTIFLENAP-ETSSACQAEF-FIHGTSVLESVLLMSDFRLALNPLRTSLITTVRVAQIGVFSF : 152
AOLFR91.pr : IYQINHS-LHQPMVEFLAMAMSDIAGLS--LSSIEPMVSTIFLENAP-ETSSACQAEF-FIHGTSVLESVLLMSDFRLALNPLRTSLITTVRVAQIGVFSF : 152
AOLFR92.pr : IYQINHS-LHQPMVEFLAMAMSDIAGLS--LSSIEPMVSTIFLENAP-ETSSACQAEF-FIHGTSVLESVLLMSDFRLALNPLRTSLITTVRVAQIGVFSF : 152
AOLFR93.pr : IYQINHS-LHQPMVEFLAMAMSDIAGLS--LSSIEPMVSTIFLENAP-ETSSACQAEF-FIHGTSVLESVLLMSDFRLALNPLRTSLITTVRVAQIGVFSF : 152
AOLFR94.pr : IYQINHS-LHQPMVEFLAMAMSDIAGLS--LSSIEPMVSTIFLENAP-ETSSACQAEF-FIHGTSVLESVLLMSDFRLALNPLRTSLITTVRVAQIGVFSF : 152
AOLFR95.pr : IYQINHS-LHQPMVEFLAMAMSDIAGLS--LSSIEPMVSTIFLENAP-ETSSACQAEF-FIHGTSVLESVLLMSDFRLALNPLRTSLITTVRVAQIGVFSF : 152
AOLFR96.pr : IYQINHS-LHQPMVEFLAMAMSDIAGLS--LSSIEPMVSTIFLENAP-ETSSACQAEF-FIHGTSVLESVLLMSDFRLALNPLRTSLITTVRVAQIGVFSF : 152
AOLFR97.pr : IYQINHS-LHQPMVEFLAMAMSDIAGLS--LSSIEPMVSTIFLENAP-ETSSACQAEF-FIHGTSVLESVLLMSDFRLALNPLRTSLITTVRVAQIGVFSF : 152
AOLFR98.pr : IYQINHS-LHQPMVEFLAMAMSDIAGLS--LSSIEPMVSTIFLENAP-ETSSACQAEF-FIHGTSVLESVLLMSDFRLALNPLRTSLITTVRVAQIGVFSF : 152
AOLFR99.pr : IYQINHS-LHQPMVEFLAMAMSDIAGLS--LSSIEPMVSTIFLENAP-ETSSACQAEF-FIHGTSVLESVLLMSDFRLALNPLRTSLITTVRVAQIGVFSF : 152
AOLFR100.pr : IYQINHS-LHQPMVEFLAMAMSDIAGLS--LSSIEPMVSTIFLENAP-ETSSACQAEF-FIHGTSVLESVLLMSDFRLALNPLRTSLITTVRVAQIGVFSF : 152
AOLFR101.pr : IYQINHS-LHQPMVEFLAMAMSDIAGLS--LSSIEPMVSTIFLENAP-ETSSACQAEF-FIHGTSVLESVLLMSDFRLALNPLRTSLITTVRVAQIGVFSF : 152
AOLFR102.pr : IYQINHS-LHQPMVEFLAMAMSDIAGLS--LSSIEPMVSTIFLENAP-ETSSACQAEF-FIHGTSVLESVLLMSDFRLALNPLRTSLITTVRVAQIGVFSF : 152
AOLFR103.pr : IYQINHS-LHQPMVEFLAMAMSDIAGLS--LSSIEPMVSTIFLENAP-ETSSACQAEF-FIHGTSVLESVLLMSDFRLALNPLRTSLITTVRVAQIGVFSF : 152
AOLFR104.pr : IYQINHS-LHQPMVEFLAMAMSDIAGLS--LSSIEPMVSTIFLENAP-ETSSACQAEF-FIHGTSVLESVLLMSDFRLALNPLRTSLITTVRVAQIGVFSF : 152
AOLFR105.pr : IYQINHS-LHQPMVEFLAMAMSDIAGLS--LSSIEPMVSTIFLENAP-ETSSACQAEF-FIHGTSVLESVLLMSDFRLALNPLRTSLITTVRVAQIGVFSF : 152
AOLFR106.pr : IYQINHS-LHQPMVEFLAMAMSDIAGLS--LSSIEPMVSTIFLENAP-ETSSACQAEF-FIHGTSVLESVLLMSDFRLALNPLRTSLITTVRVAQIGVFSF : 152
AOLFR107.pr : IYQINHS-LHQPMVEFLAMAMSDIAGLS--LSSIEPMVSTIFLENAP-ETSSACQAEF-FIHGTSVLESVLLMSDFRLALNPLRTSLITTVRVAQIGVFSF : 152
AOLFR108.pr : IYQINHS-LHQPMVEFLAMAMSDIAGLS--LSSIEPMVSTIFLENAP-ETSSACQAEF-FIHGTSVLESVLLMSDFRLALNPLRTSLITTVRVAQIGVFSF : 152
AOLFR109.pr : IYQINHS-LHQPMVEFLAMAMSDIAGLS--LSSIEPMVSTIFLENAP-ETSSACQAEF-FIHGTSVLESVLLMSDFRLALNPLRTSLITTVRVAQIGVFSF : 152

Figure 2
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220 240 260 280 300 320
AOLFR54.pr : RSVATVSPFIFLLRPPYCGHRV - NTHYCEHMGHARTAGANITVNI - VYGLTVALLAMGLDLSII - AISGFIHAFVFP - SHDAQKALSTCSGSHI - GILVTPA : 258
AOLFR57.pr : GGFHSASQFLLTIFPFCEPNE - IDYECOVYPMKTAAGNIHM - IGLVIVANSGLIACIVFVVL - LSVNFIYTHR - AYSARRSKALATCSGSHI - LVVFRAPA : 266
AOLFR58.pr : GGLHSMIQILFTQCPGPNV - INHFCDLYPMHETACTDTHI - FGLMVIVNSGFIACIVFVVL - LSVNFIYTHR - AYSARRSKALATCSGSHI - LVVFRAPA : 266
AOLFR59.pr : RSLGVVLPPTLLRHVYCHGNA - LSHAEQHQDVRLSTEARNS - IYGLCVVIATIGVDSIF - LLSVLTNVLDA - SREEQKALNTCVSHI - CVLIFRVPV : 257
AOLFR60.pr : RALFVIPSILLIIRPFCCGNV - IPHTCEHMGHARTAGANITVNI - VYGLTVALLAMGLDLSII - AISGFIHAFVFP - SHDAQKALSTCSGSHI - LVVFRAPA : 257
AOLFR61.pr : KSMILLVPPFTLRIRYCKKNQ - LSHAEQHQDVRLSTEARNS - IYGLCVVIATIGVDSIF - LLSVLTNVLDA - SREEQKALNTCVSHI - CVLIFRVPV : 257
AOLFR62.pr : RSVLTLPMVYLIYRPFCAHI - IASCEHMGHARTAGANITVNI - VYGLTVALLAMGLDLSII - AISGFIHAFVFP - SHDAQKALSTCSGSHI - LVVFRAPA : 256
AOLFR63.pr : KSMILLVPPFTLRIRYCKKNQ - LSHAEQHQDVRLSTEARNS - IYGLCVVIATIGVDSIF - LLSVLTNVLDA - SREEQKALNTCVSHI - CVLIFRVPV : 256
AOLFR64.pr : RSMALLPLPFLKREFQCHSHV - LAHAGLHLEMKAGASSIIVNH - IYGLFVVSFFV - LNVILFISVYTHPAVFP - SHDAQKALSTCSGSHI - LVVFRAPA : 256
AOLFR65.pr : RSLVWVPLVFLLRPFCHRI - IPHTCEHMGHARTAGANITVNI - VYGLTVALLAMGLDLSII - AISGFIHAFVFP - SHDAQKALSTCSGSHI - LVVFRAPA : 257
AOLFR66.pr : RGVMLIPSTLTTRKLPCKGNV - IPHTCDHMSVAKISGNNRVNA - IYGLFVVSFFV - LNVILFISVYTHPAVFP - SHDAQKALSTCSGSHI - LVVFRAPA : 260
AOLFR67.pr : RNVMLIIPSTLTTRKLPCKGNV - IPHTCDHMSVAKISGNNRVNA - IYGLFVVSFFV - LNVILFISVYTHPAVFP - SHDAQKALSTCSGSHI - LVVFRAPA : 257
AOLFR68.pr : RNVMLTLPILSAQIRYGRNV - IENICDHMSVAKISGNNRVNA - IYGLFVVSFFV - LNVILFISVYTHPAVFP - SHDAQKALSTCSGSHI - LVVFRAPA : 257
AOLFR69.pr : AGILHATHTVATFSLSECGANE - IRRVFCODIPRANISYSDTHN - QLLLFYFVGSIELVILVLS - GLTILAILKY - SAGRRNFVSTCAHITGVSTYGTI : 294
AOLFR70.pr : AGILHATHTVATFSLSECGANE - IRRVFCODIPRANISYSDTHN - QLLLFYFVGSIELVILVLS - GLTILAILKY - SAGRRNFVSTCAHITGVSTYGTI : 294
AOLFR71.pr : ISFINSFVNVVMSRHFCDSNV - VRRHFCODIPRANISYSDTHN - QLLLFYFVGSIELVILVLS - GLTILAILKY - SAGRRNFVSTCAHITGVSTYGTI : 294
AOLFR72.pr : YGFSTAIUVSSVYFSSYSSNI - INHFCDHMSVAKISGNNRVNA - IYGLFVVSFFV - LNVILFISVYTHPAVFP - SHDAQKALSTCSGSHI - LVVFRAPA : 257
AOLFR73.pr : YCFISLILVITIKIFTISFCGYNV - IRRVFCODIPRANISYSDTHN - QLLLFYFVGSIELVILVLS - GLTILAILKY - SAGRRNFVSTCAHITGVSTYGTI : 294
AOLFR74.pr : IAILNPLHLLTLMMAHFCSDNV - IRRVFCODIPRANISYSDTHN - QLLLFYFVGSIELVILVLS - GLTILAILKY - SAGRRNFVSTCAHITGVSTYGTI : 294
AOLFR75.pr : IAILNPLHLLTLMMAHFCSDNV - IRRVFCODIPRANISYSDTHN - QLLLFYFVGSIELVILVLS - GLTILAILKY - SAGRRNFVSTCAHITGVSTYGTI : 294
AOLFR76.pr : IGFNASIQIGDTRFSECGSNV - IRRVFCODIPRANISYSDTHN - QLLLFYFVGSIELVILVLS - GLTILAILKY - SAGRRNFVSTCAHITGVSTYGTI : 294
AOLFR77.pr : VGLVNASIQIGDTRFSECGSNV - IRRVFCODIPRANISYSDTHN - QLLLFYFVGSIELVILVLS - GLTILAILKY - SAGRRNFVSTCAHITGVSTYGTI : 294
AOLFR78.pr : GGLVPLVIGPTVAVALPCKQAGV - VRRHFCODIPRANISYSDTHN - QLLLFYFVGSIELVILVLS - GLTILAILKY - SAGRRNFVSTCAHITGVSTYGTI : 294
AOLFR79.pr : FGGANSATQGNVPAVLPCKQAGV - VRRHFCODIPRANISYSDTHN - QLLLFYFVGSIELVILVLS - GLTILAILKY - SAGRRNFVSTCAHITGVSTYGTI : 294
AOLFR80.pr : LGFLVTLTILFHP - HNDSEIYHRCMDPAWRACADTRVH - KTALEYISFIVLSIPLS - LSTSVFVALR - SAGRRNFVSTCAHITGVSTYGTI : 294
AOLFR81.pr : LCAVNTAHTGLMLRDPGPNV - IRRVFCODIPRANISYSDTHN - QLLLFYFVGSIELVILVLS - GLTILAILKY - SAGRRNFVSTCAHITGVSTYGTI : 294
AOLFR82.pr : GSCVHSLVQILFALSIFPCGPNV - IRRVFCODIPRANISYSDTHN - QLLLFYFVGSIELVILVLS - GLTILAILKY - SAGRRNFVSTCAHITGVSTYGTI : 294
AOLFR83.pr : GGLSVLFTLILSO - GSNINERFCODIPRANISYSDTHN - QLLLFYFVGSIELVILVLS - GLTILAILKY - SAGRRNFVSTCAHITGVSTYGTI : 294
AOLFR84.pr : AGFLHSILVQLLTQVLPFCGPNV - IRRVFCODIPRANISYSDTHN - QLLLFYFVGSIELVILVLS - GLTILAILKY - SAGRRNFVSTCAHITGVSTYGTI : 294
AOLFR85.pr : AGFLHSILVQLLTQVLPFCGPNV - IRRVFCODIPRANISYSDTHN - QLLLFYFVGSIELVILVLS - GLTILAILKY - SAGRRNFVSTCAHITGVSTYGTI : 294
AOLFR86.pr : AGFLHSILVQLLTQVLPFCGPNV - IRRVFCODIPRANISYSDTHN - QLLLFYFVGSIELVILVLS - GLTILAILKY - SAGRRNFVSTCAHITGVSTYGTI : 294
AOLFR87.pr : GGLHALLQMLLIVLPFCGPNV - IRRVFCODIPRANISYSDTHN - QLLLFYFVGSIELVILVLS - GLTILAILKY - SAGRRNFVSTCAHITGVSTYGTI : 294
AOLFR88.pr : GASVNSLIHMAILLMHFPFCGPNV - IRRVFCODIPRANISYSDTHN - QLLLFYFVGSIELVILVLS - GLTILAILKY - SAGRRNFVSTCAHITGVSTYGTI : 294
AOLFR89.pr : GASVNSLIHMAILLMHFPFCGPNV - IRRVFCODIPRANISYSDTHN - QLLLFYFVGSIELVILVLS - GLTILAILKY - SAGRRNFVSTCAHITGVSTYGTI : 294
AOLFR90.pr : GGLHSMIQILFTQCPGPNV - INHFCDLYPMHETACTDTHI - FGLMVIVNSGFIACIVFVVL - LSVNFIYTHR - AYSARRSKALATCSGSHI - LVVFRAPA : 257
AOLFR91.pr : GFLSVLPFTIVVTRIPV - RKEINERFCODIPRANISYSDTHN - QLLLFYFVGSIELVILVLS - GLTILAILKY - SAGRRNFVSTCAHITGVSTYGTI : 294
AOLFR92.pr : VGTIVFCQTMILLIOPFCGPNV - IRRVFCODIPRANISYSDTHN - QLLLFYFVGSIELVILVLS - GLTILAILKY - SAGRRNFVSTCAHITGVSTYGTI : 294
AOLFR93.pr : FGLFQIWPVYVMFQITCKS - NVNNRRCODRGOHILKACADTRVH - KTALEYISFIVLSIPLS - LSTSVFVALR - SAGRRNFVSTCAHITGVSTYGTI : 294
AOLFR94.pr : FGLIDGLIQMVVWNEPFCGPNV - IRRVFCODIPRANISYSDTHN - QLLLFYFVGSIELVILVLS - GLTILAILKY - SAGRRNFVSTCAHITGVSTYGTI : 294
AOLFR95.pr : CGCISSVIQTSMFTLSFCASRA - VDRHFCODIPRANISYSDTHN - QLLLFYFVGSIELVILVLS - GLTILAILKY - SAGRRNFVSTCAHITGVSTYGTI : 294
AOLFR96.pr : SGVPSVMLQTAWMMAIPFCGPNV - IRRVFCODIPRANISYSDTHN - QLLLFYFVGSIELVILVLS - GLTILAILKY - SAGRRNFVSTCAHITGVSTYGTI : 294
AOLFR97.pr : AGFLNSLIHTGCIFFSFCGPNV - IRRVFCODIPRANISYSDTHN - QLLLFYFVGSIELVILVLS - GLTILAILKY - SAGRRNFVSTCAHITGVSTYGTI : 294
AOLFR98.pr : TGFPIALVATNLICDRESGPNV - VNHFCODIPRANISYSDTHN - QLLLFYFVGSIELVILVLS - GLTILAILKY - SAGRRNFVSTCAHITGVSTYGTI : 294
AOLFR99.pr : CGFTVAQILTSLVFHPFCGPNV - IRRVFCODIPRANISYSDTHN - QLLLFYFVGSIELVILVLS - GLTILAILKY - SAGRRNFVSTCAHITGVSTYGTI : 294
AOLFR100.pr : GGLAGPVVEISLISRIIPFCGPNV - IRRVFCODIPRANISYSDTHN - QLLLFYFVGSIELVILVLS - GLTILAILKY - SAGRRNFVSTCAHITGVSTYGTI : 294
AOLFR101.pr : LALFSPQLTALIFTFCGPNV - IRRVFCODIPRANISYSDTHN - QLLLFYFVGSIELVILVLS - GLTILAILKY - SAGRRNFVSTCAHITGVSTYGTI : 294
AOLFR102.pr : AGILSALVTVSFTLSFCGPNV - IRRVFCODIPRANISYSDTHN - QLLLFYFVGSIELVILVLS - GLTILAILKY - SAGRRNFVSTCAHITGVSTYGTI : 294
AOLFR103.pr : AGILSALVTVSFTLSFCGPNV - IRRVFCODIPRANISYSDTHN - QLLLFYFVGSIELVILVLS - GLTILAILKY - SAGRRNFVSTCAHITGVSTYGTI : 294
AOLFR104.pr : AGILSALVTVSFTLSFCGPNV - IRRVFCODIPRANISYSDTHN - QLLLFYFVGSIELVILVLS - GLTILAILKY - SAGRRNFVSTCAHITGVSTYGTI : 294
AOLFR105.pr : GGLHSMIQILFTQCPGPNV - INHFCDLYPMHETACTDTHI - FGLMVIVNSGFIACIVFVVL - LSVNFIYTHR - AYSARRSKALATCSGSHI - LVVFRAPA : 257
AOLFR106.pr : GGLHSMIQILFTQCPGPNV - INHFCDLYPMHETACTDTHI - FGLMVIVNSGFIACIVFVVL - LSVNFIYTHR - AYSARRSKALATCSGSHI - LVVFRAPA : 257
AOLFR107.pr : GGLHSMIQILFTQCPGPNV - INHFCDLYPMHETACTDTHI - FGLMVIVNSGFIACIVFVVL - LSVNFIYTHR - AYSARRSKALATCSGSHI - LVVFRAPA : 257
AOLFR108.pr : GGLHSMIQILFTQCPGPNV - INHFCDLYPMHETACTDTHI - FGLMVIVNSGFIACIVFVVL - LSVNFIYTHR - AYSARRSKALATCSGSHI - LVVFRAPA : 257
AOLFR109.pr : GGLHSMIQILFTQCPGPNV - INHFCDLYPMHETACTDTHI - FGLMVIVNSGFIACIVFVVL - LSVNFIYTHR - AYSARRSKALATCSGSHI - LVVFRAPA : 257

Figure 2
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AOLFR110.P : 120 * 140 * 160 * 180 * 200 *
AOLFR111.P : 120 * 140 * 160 * 180 * 200 *
AOLFR112.P : 120 * 140 * 160 * 180 * 200 *
AOLFR113.P : 120 * 140 * 160 * 180 * 200 *
AOLFR114.P : 120 * 140 * 160 * 180 * 200 *
AOLFR115.P : 120 * 140 * 160 * 180 * 200 *
AOLFR116.P : 120 * 140 * 160 * 180 * 200 *
AOLFR117.P : 120 * 140 * 160 * 180 * 200 *
AOLFR118.P : 120 * 140 * 160 * 180 * 200 *
AOLFR119.P : 120 * 140 * 160 * 180 * 200 *
AOLFR120.P : 120 * 140 * 160 * 180 * 200 *
AOLFR121.P : 120 * 140 * 160 * 180 * 200 *
AOLFR122.P : 120 * 140 * 160 * 180 * 200 *
AOLFR123.P : 120 * 140 * 160 * 180 * 200 *
AOLFR124.P : 120 * 140 * 160 * 180 * 200 *
AOLFR125.P : 120 * 140 * 160 * 180 * 200 *
AOLFR126.P : 120 * 140 * 160 * 180 * 200 *
AOLFR127.P : 120 * 140 * 160 * 180 * 200 *
AOLFR128.P : 120 * 140 * 160 * 180 * 200 *
AOLFR129.P : 120 * 140 * 160 * 180 * 200 *
AOLFR130.P : 120 * 140 * 160 * 180 * 200 *
AOLFR131.P : 120 * 140 * 160 * 180 * 200 *
AOLFR132.P : 120 * 140 * 160 * 180 * 200 *
AOLFR133.P : 120 * 140 * 160 * 180 * 200 *
AOLFR134.P : 120 * 140 * 160 * 180 * 200 *
AOLFR135.P : 120 * 140 * 160 * 180 * 200 *
AOLFR136.P : 120 * 140 * 160 * 180 * 200 *
AOLFR137.P : 120 * 140 * 160 * 180 * 200 *
AOLFR138.P : 120 * 140 * 160 * 180 * 200 *
AOLFR139.P : 120 * 140 * 160 * 180 * 200 *
AOLFR140.P : 120 * 140 * 160 * 180 * 200 *
AOLFR141.P : 120 * 140 * 160 * 180 * 200 *
AOLFR142.P : 120 * 140 * 160 * 180 * 200 *
AOLFR143.P : 120 * 140 * 160 * 180 * 200 *
AOLFR144.P : 120 * 140 * 160 * 180 * 200 *
AOLFR145.P : 120 * 140 * 160 * 180 * 200 *
AOLFR146.P : 120 * 140 * 160 * 180 * 200 *
AOLFR147.P : 120 * 140 * 160 * 180 * 200 *
AOLFR148.P : 120 * 140 * 160 * 180 * 200 *
AOLFR149.P : 120 * 140 * 160 * 180 * 200 *
AOLFR150.P : 120 * 140 * 160 * 180 * 200 *
AOLFR151.P : 120 * 140 * 160 * 180 * 200 *
AOLFR152.P : 120 * 140 * 160 * 180 * 200 *
AOLFR153.P : 120 * 140 * 160 * 180 * 200 *
AOLFR154.P : 120 * 140 * 160 * 180 * 200 *
AOLFR155.P : 120 * 140 * 160 * 180 * 200 *
AOLFR156.P : 120 * 140 * 160 * 180 * 200 *
AOLFR157.P : 120 * 140 * 160 * 180 * 200 *
AOLFR158.P : 120 * 140 * 160 * 180 * 200 *
AOLFR159.P : 120 * 140 * 160 * 180 * 200 *
AOLFR160.P : 120 * 140 * 160 * 180 * 200 *
AOLFR161.P : 120 * 140 * 160 * 180 * 200 *
AOLFR162.P : 120 * 140 * 160 * 180 * 200 *
AOLFR163.P : 120 * 140 * 160 * 180 * 200 *

Figure 3
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AOLFR110.P : RPEFCGPNQDNFFCDVROVMEKJACDPMFVVVLLMNFVNSGLMGLTLLCFLGLASAVYVHCH-VRRAASEGKVKEMSGTGT- 320
AOLFR111.P : SEKSGSNMHOPECDIPQMAHSCENLREIALILINAVRDLDFCCFIHIIIVYHFSNWKIPFTEGOSKAYSICLP- 266
AOLFR113.P : QPPEAYNEIOHIECDFPPHISLACKETSANILADPAINAFILIIITFFIMISYHAGVATIKIAGSKRKFSPFCAS- 293
AOLFR114.P : RUTECDSNVHHEFLCDLSPVHSSSIFVNEIVQTEAPIVLTRELCFAFYIRITVTKIPSTSGRKFASICGF- 292
AOLFR115.P : RWAECAQKAPHFYCDPSALRKACETVTHNELMIMTGLFSLTALLLVFVSYHFMFAFVISPSPGGRKAFSCGS- 268
AOLFR116.P : DLFCGPNEDSFFCDLPRETKIACETITVLTGMFMTANSGLFISLAFILIIISYELIVT-VOKKSGGIFKAFSMLSA- 284
AOLFR117.P : SESECKSNSDHFECOVPPHIALSCSNVDINMLLVFVGNLIFTGLWIFSYIYMATIKMSSAGRKAFSCAS- 266
AOLFR118.P : ORDYCKSNEIEHCLCSNLGVTSLACDRRPNSICQVLWMLGMDLSLIIISYHILYSLIRLSAEAAKALSCSS- 315
AOLFR119.P : QTECPGNVIEHSHYCDHMSVKSISASIKNVYIGLVMALLIGVFDICCSLSYITLIKALISLSDAQKAFSCTA- 276
AOLFR120.P : QTECPGNVIEHSHYCDHMSVKSISASIKNVYIGLVMALLIGVFDICCSLSYITLIKALISLSDAQKAFSCTA- 276
AOLFR121.P : QTECPGNVIEHSHYCDHMSVKSISASIKNVYIGLVMALLIGVFDICCSLSYITLIKALISLSDAQKAFSCTA- 276
AOLFR122.P : QTECPGNVIEHSHYCDHMSVKSISASIKNVYIGLVMALLIGVFDICCSLSYITLIKALISLSDAQKAFSCTA- 276
AOLFR123.P : QTECPGNVIEHSHYCDHMSVKSISASIKNVYIGLVMALLIGVFDICCSLSYITLIKALISLSDAQKAFSCTA- 276
AOLFR124.P : QTECPGNVIEHSHYCDHMSVKSISASIKNVYIGLVMALLIGVFDICCSLSYITLIKALISLSDAQKAFSCTA- 276
AOLFR125.P : QTECPGNVIEHSHYCDHMSVKSISASIKNVYIGLVMALLIGVFDICCSLSYITLIKALISLSDAQKAFSCTA- 276
AOLFR126.P : QTECPGNVIEHSHYCDHMSVKSISASIKNVYIGLVMALLIGVFDICCSLSYITLIKALISLSDAQKAFSCTA- 276
AOLFR127.P : QTECPGNVIEHSHYCDHMSVKSISASIKNVYIGLVMALLIGVFDICCSLSYITLIKALISLSDAQKAFSCTA- 276
AOLFR128.P : QTECPGNVIEHSHYCDHMSVKSISASIKNVYIGLVMALLIGVFDICCSLSYITLIKALISLSDAQKAFSCTA- 276
AOLFR129.P : QTECPGNVIEHSHYCDHMSVKSISASIKNVYIGLVMALLIGVFDICCSLSYITLIKALISLSDAQKAFSCTA- 276
AOLFR130.P : QTECPGNVIEHSHYCDHMSVKSISASIKNVYIGLVMALLIGVFDICCSLSYITLIKALISLSDAQKAFSCTA- 276
AOLFR131.P : QTECPGNVIEHSHYCDHMSVKSISASIKNVYIGLVMALLIGVFDICCSLSYITLIKALISLSDAQKAFSCTA- 276
AOLFR132.P : QTECPGNVIEHSHYCDHMSVKSISASIKNVYIGLVMALLIGVFDICCSLSYITLIKALISLSDAQKAFSCTA- 276
AOLFR133.P : QTECPGNVIEHSHYCDHMSVKSISASIKNVYIGLVMALLIGVFDICCSLSYITLIKALISLSDAQKAFSCTA- 276
AOLFR134.P : QTECPGNVIEHSHYCDHMSVKSISASIKNVYIGLVMALLIGVFDICCSLSYITLIKALISLSDAQKAFSCTA- 276
AOLFR135.P : QTECPGNVIEHSHYCDHMSVKSISASIKNVYIGLVMALLIGVFDICCSLSYITLIKALISLSDAQKAFSCTA- 276
AOLFR136.P : QTECPGNVIEHSHYCDHMSVKSISASIKNVYIGLVMALLIGVFDICCSLSYITLIKALISLSDAQKAFSCTA- 276
AOLFR137.P : QTECPGNVIEHSHYCDHMSVKSISASIKNVYIGLVMALLIGVFDICCSLSYITLIKALISLSDAQKAFSCTA- 276
AOLFR138.P : QTECPGNVIEHSHYCDHMSVKSISASIKNVYIGLVMALLIGVFDICCSLSYITLIKALISLSDAQKAFSCTA- 276
AOLFR139.P : QTECPGNVIEHSHYCDHMSVKSISASIKNVYIGLVMALLIGVFDICCSLSYITLIKALISLSDAQKAFSCTA- 276
AOLFR140.P : QTECPGNVIEHSHYCDHMSVKSISASIKNVYIGLVMALLIGVFDICCSLSYITLIKALISLSDAQKAFSCTA- 276
AOLFR141.P : QTECPGNVIEHSHYCDHMSVKSISASIKNVYIGLVMALLIGVFDICCSLSYITLIKALISLSDAQKAFSCTA- 276
AOLFR143.P : QTECPGNVIEHSHYCDHMSVKSISASIKNVYIGLVMALLIGVFDICCSLSYITLIKALISLSDAQKAFSCTA- 276
AOLFR144.P : QTECPGNVIEHSHYCDHMSVKSISASIKNVYIGLVMALLIGVFDICCSLSYITLIKALISLSDAQKAFSCTA- 276
AOLFR145.P : QTECPGNVIEHSHYCDHMSVKSISASIKNVYIGLVMALLIGVFDICCSLSYITLIKALISLSDAQKAFSCTA- 276
AOLFR146.P : QTECPGNVIEHSHYCDHMSVKSISASIKNVYIGLVMALLIGVFDICCSLSYITLIKALISLSDAQKAFSCTA- 276
AOLFR147.P : QTECPGNVIEHSHYCDHMSVKSISASIKNVYIGLVMALLIGVFDICCSLSYITLIKALISLSDAQKAFSCTA- 276
AOLFR148.P : QTECPGNVIEHSHYCDHMSVKSISASIKNVYIGLVMALLIGVFDICCSLSYITLIKALISLSDAQKAFSCTA- 276
AOLFR149.P : QTECPGNVIEHSHYCDHMSVKSISASIKNVYIGLVMALLIGVFDICCSLSYITLIKALISLSDAQKAFSCTA- 276
AOLFR150.P : QTECPGNVIEHSHYCDHMSVKSISASIKNVYIGLVMALLIGVFDICCSLSYITLIKALISLSDAQKAFSCTA- 276
AOLFR151.P : QTECPGNVIEHSHYCDHMSVKSISASIKNVYIGLVMALLIGVFDICCSLSYITLIKALISLSDAQKAFSCTA- 276
AOLFR152.P : QTECPGNVIEHSHYCDHMSVKSISASIKNVYIGLVMALLIGVFDICCSLSYITLIKALISLSDAQKAFSCTA- 276
AOLFR153.P : QTECPGNVIEHSHYCDHMSVKSISASIKNVYIGLVMALLIGVFDICCSLSYITLIKALISLSDAQKAFSCTA- 276
AOLFR156.P : QTECPGNVIEHSHYCDHMSVKSISASIKNVYIGLVMALLIGVFDICCSLSYITLIKALISLSDAQKAFSCTA- 276
AOLFR157.P : QTECPGNVIEHSHYCDHMSVKSISASIKNVYIGLVMALLIGVFDICCSLSYITLIKALISLSDAQKAFSCTA- 276
AOLFR158.P : QTECPGNVIEHSHYCDHMSVKSISASIKNVYIGLVMALLIGVFDICCSLSYITLIKALISLSDAQKAFSCTA- 276
AOLFR159.P : QTECPGNVIEHSHYCDHMSVKSISASIKNVYIGLVMALLIGVFDICCSLSYITLIKALISLSDAQKAFSCTA- 276
AOLFR160.P : QTECPGNVIEHSHYCDHMSVKSISASIKNVYIGLVMALLIGVFDICCSLSYITLIKALISLSDAQKAFSCTA- 276
AOLFR161.P : QTECPGNVIEHSHYCDHMSVKSISASIKNVYIGLVMALLIGVFDICCSLSYITLIKALISLSDAQKAFSCTA- 276
AOLFR162.P : QTECPGNVIEHSHYCDHMSVKSISASIKNVYIGLVMALLIGVFDICCSLSYITLIKALISLSDAQKAFSCTA- 276
AOLFR163.P : QTECPGNVIEHSHYCDHMSVKSISASIKNVYIGLVMALLIGVFDICCSLSYITLIKALISLSDAQKAFSCTA- 276

Figure 3

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AOLFR165.P	120	140	160	180	200	220
AOLFR166.P	120	140	160	180	200	220
AOLFR167.P	120	140	160	180	200	220
AOLFR168.P	120	140	160	180	200	220
AOLFR169.P	120	140	160	180	200	220
AOLFR170.P	120	140	160	180	200	220
AOLFR171.P	120	140	160	180	200	220
AOLFR172.P	120	140	160	180	200	220
AOLFR173.P	120	140	160	180	200	220
AOLFR175.P	120	140	160	180	200	220
AOLFR176.P	120	140	160	180	200	220
AOLFR177.P	120	140	160	180	200	220
AOLFR178.P	120	140	160	180	200	220
AOLFR179.P	120	140	160	180	200	220
AOLFR180.P	120	140	160	180	200	220
AOLFR181.P	120	140	160	180	200	220
AOLFR182.P	120	140	160	180	200	220
AOLFR183.P	120	140	160	180	200	220
AOLFR184.P	120	140	160	180	200	220
AOLFR185.P	120	140	160	180	200	220
AOLFR186.P	120	140	160	180	200	220
AOLFR187.P	120	140	160	180	200	220
AOLFR188.P	120	140	160	180	200	220
AOLFR189.P	120	140	160	180	200	220
AOLFR190.P	120	140	160	180	200	220
AOLFR191.P	120	140	160	180	200	220
AOLFR192.P	120	140	160	180	200	220
AOLFR193.P	120	140	160	180	200	220
AOLFR194.P	120	140	160	180	200	220
AOLFR195.P	120	140	160	180	200	220
AOLFR196.P	120	140	160	180	200	220
AOLFR197.P	120	140	160	180	200	220
AOLFR198.P	120	140	160	180	200	220
AOLFR199.P	120	140	160	180	200	220
AOLFR200.P	120	140	160	180	200	220
AOLFR201.P	120	140	160	180	200	220
AOLFR202.P	120	140	160	180	200	220
AOLFR203.P	120	140	160	180	200	220
AOLFR204.P	120	140	160	180	200	220
AOLFR205.P	120	140	160	180	200	220
AOLFR206.P	120	140	160	180	200	220
AOLFR207.P	120	140	160	180	200	220
AOLFR208.P	120	140	160	180	200	220
AOLFR209.P	120	140	160	180	200	220
AOLFR210.P	120	140	160	180	200	220
AOLFR211.P	120	140	160	180	200	220
AOLFR212.P	120	140	160	180	200	220
AOLFR213.P	120	140	160	180	200	220
AOLFR214.P	120	140	160	180	200	220
AOLFR215.P	120	140	160	180	200	220
AOLFR216.P	120	140	160	180	200	220
AOLFR217.P	120	140	160	180	200	220

Figure 4

240 260 300 320
AOLFR165.P : NPLATVHSHSTLCLKVVGAVGCGFSSFIETYSV-YOHDFCCGPMNHFFCOLPPHATSSSTFTSEVTVFIVSVVGVSVLWLSGYFAAAV-VKISSATG : 234
AOLFR166.P : SPLRATINSRDHGIGLTVAAALGCFEFHVSIVQISLL-LPFPCGPNVDTFYCVHVRKJAHDFIFILELLMISNGLLTLWFFLOLVSVIVLSPKSOAG--EG : 232
AOLFR167.P : SPLRATVMTQGLCTRMVVGAVGCGFSSLIQASSI-FRLFCGPNVHNHFFCOLPPHATSSSTFTSQVNVVTVVGTSTFOVLISGYIVSAV-LKIPSAEG : 236
AOLFR168.P : KPLHEMTNINREICNKKLLGTWGCFTSHIIQVALV-VOLPFCGPNEDHFFCOLPPHATSSSTFTSQVNVVTVVGTSTFOVLISGYIVSAV-LKIPSAEG : 230
AOLFR169.P : NPLRANITNNSSTCIVWIVSVWFETLS-EIMPTVATQFTRKSNSDHFFCORGQMKLSQNTLLEFILLFMAVILIGSLIPTIVSYLISAT-LKIPSAAG : 229
AOLFR170.P : HPLRGTLSRAMCVQAGAAAPFLAM-VPTVLSRAHDIYCHGDVHNHFFCONEPHQOSQDRLLEFDFWDLFALFVLSGYIVTV-LRIPSASS : 317
AOLFR171.P : KPLHYTNINRNLCIILLVAMICFHFWSVQVFLV-YSLPIGPNVDSFYCOLPRHAKADSYRLEFWMVTVNSGFIISLGSFFLIISVYVILLVKHSAG--G : 232
AOLFR172.P : RPLHPVATKACVGYAALAKAVAI-WPPLLVAKFEHQAKTCHTYCHAMVAEIVCTQATNLGLALSISGMDILCHTGSYGLIAHAY-LQPTREA : 238
AOLFR173.P : APLRPTVTPVWVGRHIALVITRSFCI-IFPFIPLKRPFPFIPNIPHSYCHQHWAKJACADKMKANSIYGVFIVTVGIDSLILFSAVILIRVY-LSIASRAE : 238
AOLFR175.P : RPLRPTVTPVWVGRHIALVITRSFCI-IFPFIPLKRPFPFIPNIPHSYCHQHWAKJACADKMKANSIYGVFIVTVGIDSLILFSAVILIRVY-LSIASRAE : 238
AOLFR176.P : RPLRPTVTPVWVGRHIALVITRSFCI-IFPFIPLKRPFPFIPNIPHSYCHQHWAKJACADKMKANSIYGVFIVTVGIDSLILFSAVILIRVY-LSIASRAE : 238
AOLFR177.P : HPLCPATVMTQGLCTRMVVGAVGCGFSSLIQASSI-FRLFCGPNVHNHFFCOLPPHATSSSTFTSQVNVVTVVGTSTFOVLISGYIVSAV-LKIPSAAG : 230
AOLFR178.P : KPLHEMTNINREICNKKLLGTWGCFTSHIIQVALV-VOLPFCGPNEDHFFCOLPPHATSSSTFTSQVNVVTVVGTSTFOVLISGYIVSAV-LKIPSAAG : 230
AOLFR179.P : NPLRANITNNSSTCIVWIVSVWFETLS-EIMPTVATQFTRKSNSDHFFCORGQMKLSQNTLLEFILLFMAVILIGSLIPTIVSYLISAT-LKIPSAAG : 229
AOLFR180.P : KPLHYTNINRNLCIILLVAMICFHFWSVQVFLV-YSLPIGPNVDSFYCOLPRHAKADSYRLEFWMVTVNSGFIISLGSFFLIISVYVILLVKHSAG--G : 232
AOLFR181.P : RPLHPVATKACVGYAALAKAVAI-WPPLLVAKFEHQAKTCHTYCHAMVAEIVCTQATNLGLALSISGMDILCHTGSYGLIAHAY-LQPTREA : 238
AOLFR182.P : APLRPTVTPVWVGRHIALVITRSFCI-IFPFIPLKRPFPFIPNIPHSYCHQHWAKJACADKMKANSIYGVFIVTVGIDSLILFSAVILIRVY-LSIASRAE : 238
AOLFR183.P : RPLRPTVTPVWVGRHIALVITRSFCI-IFPFIPLKRPFPFIPNIPHSYCHQHWAKJACADKMKANSIYGVFIVTVGIDSLILFSAVILIRVY-LSIASRAE : 238
AOLFR184.P : RPLRPTVTPVWVGRHIALVITRSFCI-IFPFIPLKRPFPFIPNIPHSYCHQHWAKJACADKMKANSIYGVFIVTVGIDSLILFSAVILIRVY-LSIASRAE : 238
AOLFR185.P : RPLRPTVTPVWVGRHIALVITRSFCI-IFPFIPLKRPFPFIPNIPHSYCHQHWAKJACADKMKANSIYGVFIVTVGIDSLILFSAVILIRVY-LSIASRAE : 238
AOLFR186.P : RPLRPTVTPVWVGRHIALVITRSFCI-IFPFIPLKRPFPFIPNIPHSYCHQHWAKJACADKMKANSIYGVFIVTVGIDSLILFSAVILIRVY-LSIASRAE : 238
AOLFR187.P : RPLRPTVTPVWVGRHIALVITRSFCI-IFPFIPLKRPFPFIPNIPHSYCHQHWAKJACADKMKANSIYGVFIVTVGIDSLILFSAVILIRVY-LSIASRAE : 238
AOLFR188.P : RPLRPTVTPVWVGRHIALVITRSFCI-IFPFIPLKRPFPFIPNIPHSYCHQHWAKJACADKMKANSIYGVFIVTVGIDSLILFSAVILIRVY-LSIASRAE : 238
AOLFR189.P : RPLRPTVTPVWVGRHIALVITRSFCI-IFPFIPLKRPFPFIPNIPHSYCHQHWAKJACADKMKANSIYGVFIVTVGIDSLILFSAVILIRVY-LSIASRAE : 238
AOLFR218.P : RPLHYATNRRRCCILVALSMGCFHSHIIQVALI-VRLPFCGPNEDHFFCOLPPHATSSSTFTSQVNVVTVVGTSTFOVLISGYIVSAV-LKIPSAAG : 230
AOLFR191.P : NPLYSSEMTPTNCVACALGSMCEFTNASIHGTG-FRLSGSNVHEHFFCOPMQLHSCDNIYSEIMVIFVVGNDLFSILFVLSLHFFIT-MKMSPEG : 231
AOLFR192.P : KPLHYTTTNTTVCAALGSMCEFTNASIHGTG-FRLSGSNVHEHFFCOPMQLHSCDNIYSEIMVIFVVGNDLFSILFVLSLHFFIT-MKMSPEG : 231
AOLFR193.P : KPLHYTTTNTTVCAALGSMCEFTNASIHGTG-FRLSGSNVHEHFFCOPMQLHSCDNIYSEIMVIFVVGNDLFSILFVLSLHFFIT-MKMSPEG : 231
AOLFR194.P : HPLRPTVTPVWVGRHIALVITRSFCI-IFPFIPLKRPFPFIPNIPHSYCHQHWAKJACADKMKANSIYGVFIVTVGIDSLILFSAVILIRVY-LSIASRAE : 238
AOLFR195.P : NPLRPTVTPVWVGRHIALVITRSFCI-IFPFIPLKRPFPFIPNIPHSYCHQHWAKJACADKMKANSIYGVFIVTVGIDSLILFSAVILIRVY-LSIASRAE : 238
AOLFR196.P : NPLRPTVTPVWVGRHIALVITRSFCI-IFPFIPLKRPFPFIPNIPHSYCHQHWAKJACADKMKANSIYGVFIVTVGIDSLILFSAVILIRVY-LSIASRAE : 238
AOLFR197.P : RPLHYATNRRRCCILVALSMGCFHSHIIQVALI-VRLPFCGPNEDHFFCOLPPHATSSSTFTSQVNVVTVVGTSTFOVLISGYIVSAV-LKIPSAAG : 230
AOLFR198.P : KPLHYTTTNTTVCAALGSMCEFTNASIHGTG-FRLSGSNVHEHFFCOPMQLHSCDNIYSEIMVIFVVGNDLFSILFVLSLHFFIT-MKMSPEG : 231
AOLFR199.P : KPLHYTTTNTTVCAALGSMCEFTNASIHGTG-FRLSGSNVHEHFFCOPMQLHSCDNIYSEIMVIFVVGNDLFSILFVLSLHFFIT-MKMSPEG : 231
AOLFR200.P : RPLRPTVTPVWVGRHIALVITRSFCI-IFPFIPLKRPFPFIPNIPHSYCHQHWAKJACADKMKANSIYGVFIVTVGIDSLILFSAVILIRVY-LSIASRAE : 238
AOLFR201.P : NPLRPTVTPVWVGRHIALVITRSFCI-IFPFIPLKRPFPFIPNIPHSYCHQHWAKJACADKMKANSIYGVFIVTVGIDSLILFSAVILIRVY-LSIASRAE : 238
AOLFR202.P : NPLRPTVTPVWVGRHIALVITRSFCI-IFPFIPLKRPFPFIPNIPHSYCHQHWAKJACADKMKANSIYGVFIVTVGIDSLILFSAVILIRVY-LSIASRAE : 238
AOLFR203.P : NPLRPTVTPVWVGRHIALVITRSFCI-IFPFIPLKRPFPFIPNIPHSYCHQHWAKJACADKMKANSIYGVFIVTVGIDSLILFSAVILIRVY-LSIASRAE : 238
AOLFR204.P : KPLHYTTTNTTVCAALGSMCEFTNASIHGTG-FRLSGSNVHEHFFCOPMQLHSCDNIYSEIMVIFVVGNDLFSILFVLSLHFFIT-MKMSPEG : 231
AOLFR205.P : RPLRPTVTPVWVGRHIALVITRSFCI-IFPFIPLKRPFPFIPNIPHSYCHQHWAKJACADKMKANSIYGVFIVTVGIDSLILFSAVILIRVY-LSIASRAE : 238
AOLFR206.P : KPLHYTTTNTTVCAALGSMCEFTNASIHGTG-FRLSGSNVHEHFFCOPMQLHSCDNIYSEIMVIFVVGNDLFSILFVLSLHFFIT-MKMSPEG : 231
AOLFR190.P : KPLHYTTTNTTVCAALGSMCEFTNASIHGTG-FRLSGSNVHEHFFCOPMQLHSCDNIYSEIMVIFVVGNDLFSILFVLSLHFFIT-MKMSPEG : 231
AOLFR207.P : NPLRPTVTPVWVGRHIALVITRSFCI-IFPFIPLKRPFPFIPNIPHSYCHQHWAKJACADKMKANSIYGVFIVTVGIDSLILFSAVILIRVY-LSIASRAE : 238
AOLFR208.P : NPLRPTVTPVWVGRHIALVITRSFCI-IFPFIPLKRPFPFIPNIPHSYCHQHWAKJACADKMKANSIYGVFIVTVGIDSLILFSAVILIRVY-LSIASRAE : 238
AOLFR209.P : NPLRPTVTPVWVGRHIALVITRSFCI-IFPFIPLKRPFPFIPNIPHSYCHQHWAKJACADKMKANSIYGVFIVTVGIDSLILFSAVILIRVY-LSIASRAE : 238
AOLFR210.P : NPLRPTVTPVWVGRHIALVITRSFCI-IFPFIPLKRPFPFIPNIPHSYCHQHWAKJACADKMKANSIYGVFIVTVGIDSLILFSAVILIRVY-LSIASRAE : 238
AOLFR211.P : NPLRPTVTPVWVGRHIALVITRSFCI-IFPFIPLKRPFPFIPNIPHSYCHQHWAKJACADKMKANSIYGVFIVTVGIDSLILFSAVILIRVY-LSIASRAE : 238
AOLFR212.P : NPLRPTVTPVWVGRHIALVITRSFCI-IFPFIPLKRPFPFIPNIPHSYCHQHWAKJACADKMKANSIYGVFIVTVGIDSLILFSAVILIRVY-LSIASRAE : 238
AOLFR213.P : NPLRPTVTPVWVGRHIALVITRSFCI-IFPFIPLKRPFPFIPNIPHSYCHQHWAKJACADKMKANSIYGVFIVTVGIDSLILFSAVILIRVY-LSIASRAE : 238
AOLFR214.P : NPLRPTVTPVWVGRHIALVITRSFCI-IFPFIPLKRPFPFIPNIPHSYCHQHWAKJACADKMKANSIYGVFIVTVGIDSLILFSAVILIRVY-LSIASRAE : 238
AOLFR215.P : NPLRPTVTPVWVGRHIALVITRSFCI-IFPFIPLKRPFPFIPNIPHSYCHQHWAKJACADKMKANSIYGVFIVTVGIDSLILFSAVILIRVY-LSIASRAE : 238
AOLFR216.P : NPLRPTVTPVWVGRHIALVITRSFCI-IFPFIPLKRPFPFIPNIPHSYCHQHWAKJACADKMKANSIYGVFIVTVGIDSLILFSAVILIRVY-LSIASRAE : 238
AOLFR217.P : NPLRPTVTPVWVGRHIALVITRSFCI-IFPFIPLKRPFPFIPNIPHSYCHQHWAKJACADKMKANSIYGVFIVTVGIDSLILFSAVILIRVY-LSIASRAE : 238

Figure 4

the first three of the four

AOLFR165. P : RTKAFSTCASHITAVLFFVSGGFFWVRPSSSYSLNRD-----KVUSIPALVFWVNPPIHYSNKEKANAARKAMERDPGISHGGPFIPTLUG----- : 324
AOLFR166. P : RRKAFSTCASHITAVLFFVHVPCTVYVARPATLPM-----KAHSITVIVISPLINPIHLYLNRHEKMSARLKRLLVPSDRK----- : 311
AOLFR167. P : RWKAFSTCASHITAVLFFGTALFVLRPSSSYSLGRD-----KVUSVPSVEMLPINPIHYSNKEBADAQKVLERKVVFS----- : 315
AOLFR168. P : RRKAFSTCASHITAVLFFGCTCFWVRPDTFSED-----KWAAPYITILPMLNPIHYSNKEVNAKKLGRNVFLKAGK----- : 311
AOLFR169. P : RRKAFSTCASHITAVLFFGSCFTLVKPKQGV-----YKIVSLVSVLAFPLNFIETLRNDKVEALADGMRCCOLLK-D----- : 310
AOLFR170. P : CQKAFSTCASHITAVLFFGSCSTFLVVRPKAHSVQ-----VRKVALVTSVZIEFLNFIETCQIVKTVLQGMORLKGCKAQ----- : 399
AOLFR171. P : RRKAFSTCASHITAVLFFGVPCIFWVRPVSFPD-----KLMVTSIITLMLNPIHYSNKEKNAKMLNCKLSIVRKRVSPTLNIPIPSKATNRR----- : 292
AOLFR172. P : HAKAFSTCASHITAVLFFVPSF-FTLAHRFGHIT-PSYLAHRFGHIT-VKPVHILSNILLEPELAPILGARTKQDRLETFPRKSP-L----- : 320
AOLFR173. P : RRKAFSTCASHITAVLFFGSMVVMGSPSKNE-----AGKOTVITFVSVMLPMLNPIHYSNKEKNAKMLNCKLSIVRKRVSPTLNIPIPSKATNRR----- : 323
AOLFR175. P : RRKAFSTCASHITAVLFFGSMVVMGSPSKNE-----AGKOTVITFVSVMLPMLNPIHYSNKEKNAKMLNCKLSIVRKRVSPTLNIPIPSKATNRR----- : 345
AOLFR176. P : RRKAFSTCASHITAVLFFGSMVVMGSPSKNE-----AGKOTVITFVSVMLPMLNPIHYSNKEKNAKMLNCKLSIVRKRVSPTLNIPIPSKATNRR----- : 345
AOLFR177. P : RRKAFSTCASHITAVLFFGSMVVMGSPSKNE-----AGKOTVITFVSVMLPMLNPIHYSNKEKNAKMLNCKLSIVRKRVSPTLNIPIPSKATNRR----- : 345
AOLFR178. P : LSKAFSTCASHITAVLFFGSMVVMGSPSKNE-----AGKOTVITFVSVMLPMLNPIHYSNKEKNAKMLNCKLSIVRKRVSPTLNIPIPSKATNRR----- : 345
AOLFR179. P : LAKAFSTCASHITAVLFFGSMVVMGSPSKNE-----AGKOTVITFVSVMLPMLNPIHYSNKEKNAKMLNCKLSIVRKRVSPTLNIPIPSKATNRR----- : 345
AOLFR180. P : QOKAFSTCASHITAVLFFGSMVVMGSPSKNE-----AGKOTVITFVSVMLPMLNPIHYSNKEKNAKMLNCKLSIVRKRVSPTLNIPIPSKATNRR----- : 345
AOLFR181. P : RLKAFSTCASHITAVLFFGSMVVMGSPSKNE-----AGKOTVITFVSVMLPMLNPIHYSNKEKNAKMLNCKLSIVRKRVSPTLNIPIPSKATNRR----- : 345
AOLFR182. P : RLKAFSTCASHITAVLFFGSMVVMGSPSKNE-----AGKOTVITFVSVMLPMLNPIHYSNKEKNAKMLNCKLSIVRKRVSPTLNIPIPSKATNRR----- : 345
AOLFR183. P : RLKAFSTCASHITAVLFFGSMVVMGSPSKNE-----AGKOTVITFVSVMLPMLNPIHYSNKEKNAKMLNCKLSIVRKRVSPTLNIPIPSKATNRR----- : 345
AOLFR184. P : RLKAFSTCASHITAVLFFGSMVVMGSPSKNE-----AGKOTVITFVSVMLPMLNPIHYSNKEKNAKMLNCKLSIVRKRVSPTLNIPIPSKATNRR----- : 345
AOLFR185. P : RLKAFSTCASHITAVLFFGSMVVMGSPSKNE-----AGKOTVITFVSVMLPMLNPIHYSNKEKNAKMLNCKLSIVRKRVSPTLNIPIPSKATNRR----- : 345
AOLFR186. P : RLKAFSTCASHITAVLFFGSMVVMGSPSKNE-----AGKOTVITFVSVMLPMLNPIHYSNKEKNAKMLNCKLSIVRKRVSPTLNIPIPSKATNRR----- : 345
AOLFR187. P : RLKAFSTCASHITAVLFFGSMVVMGSPSKNE-----AGKOTVITFVSVMLPMLNPIHYSNKEKNAKMLNCKLSIVRKRVSPTLNIPIPSKATNRR----- : 345
AOLFR188. P : RLKAFSTCASHITAVLFFGSMVVMGSPSKNE-----AGKOTVITFVSVMLPMLNPIHYSNKEKNAKMLNCKLSIVRKRVSPTLNIPIPSKATNRR----- : 345
AOLFR189. P : RLKAFSTCASHITAVLFFGSMVVMGSPSKNE-----AGKOTVITFVSVMLPMLNPIHYSNKEKNAKMLNCKLSIVRKRVSPTLNIPIPSKATNRR----- : 345
AOLFR190. P : RLKAFSTCASHITAVLFFGSMVVMGSPSKNE-----AGKOTVITFVSVMLPMLNPIHYSNKEKNAKMLNCKLSIVRKRVSPTLNIPIPSKATNRR----- : 345
AOLFR191. P : RLKAFSTCASHITAVLFFGSMVVMGSPSKNE-----AGKOTVITFVSVMLPMLNPIHYSNKEKNAKMLNCKLSIVRKRVSPTLNIPIPSKATNRR----- : 345
AOLFR192. P : RLKAFSTCASHITAVLFFGSMVVMGSPSKNE-----AGKOTVITFVSVMLPMLNPIHYSNKEKNAKMLNCKLSIVRKRVSPTLNIPIPSKATNRR----- : 345
AOLFR193. P : RLKAFSTCASHITAVLFFGSMVVMGSPSKNE-----AGKOTVITFVSVMLPMLNPIHYSNKEKNAKMLNCKLSIVRKRVSPTLNIPIPSKATNRR----- : 345
AOLFR194. P : RLKAFSTCASHITAVLFFGSMVVMGSPSKNE-----AGKOTVITFVSVMLPMLNPIHYSNKEKNAKMLNCKLSIVRKRVSPTLNIPIPSKATNRR----- : 345
AOLFR195. P : RLKAFSTCASHITAVLFFGSMVVMGSPSKNE-----AGKOTVITFVSVMLPMLNPIHYSNKEKNAKMLNCKLSIVRKRVSPTLNIPIPSKATNRR----- : 345
AOLFR196. P : RLKAFSTCASHITAVLFFGSMVVMGSPSKNE-----AGKOTVITFVSVMLPMLNPIHYSNKEKNAKMLNCKLSIVRKRVSPTLNIPIPSKATNRR----- : 345
AOLFR197. P : RLKAFSTCASHITAVLFFGSMVVMGSPSKNE-----AGKOTVITFVSVMLPMLNPIHYSNKEKNAKMLNCKLSIVRKRVSPTLNIPIPSKATNRR----- : 345
AOLFR198. P : RLKAFSTCASHITAVLFFGSMVVMGSPSKNE-----AGKOTVITFVSVMLPMLNPIHYSNKEKNAKMLNCKLSIVRKRVSPTLNIPIPSKATNRR----- : 345
AOLFR199. P : RLKAFSTCASHITAVLFFGSMVVMGSPSKNE-----AGKOTVITFVSVMLPMLNPIHYSNKEKNAKMLNCKLSIVRKRVSPTLNIPIPSKATNRR----- : 345
AOLFR200. P : RLKAFSTCASHITAVLFFGSMVVMGSPSKNE-----AGKOTVITFVSVMLPMLNPIHYSNKEKNAKMLNCKLSIVRKRVSPTLNIPIPSKATNRR----- : 345
AOLFR201. P : RLKAFSTCASHITAVLFFGSMVVMGSPSKNE-----AGKOTVITFVSVMLPMLNPIHYSNKEKNAKMLNCKLSIVRKRVSPTLNIPIPSKATNRR----- : 345
AOLFR202. P : RLKAFSTCASHITAVLFFGSMVVMGSPSKNE-----AGKOTVITFVSVMLPMLNPIHYSNKEKNAKMLNCKLSIVRKRVSPTLNIPIPSKATNRR----- : 345
AOLFR203. P : RLKAFSTCASHITAVLFFGSMVVMGSPSKNE-----AGKOTVITFVSVMLPMLNPIHYSNKEKNAKMLNCKLSIVRKRVSPTLNIPIPSKATNRR----- : 345
AOLFR204. P : RLKAFSTCASHITAVLFFGSMVVMGSPSKNE-----AGKOTVITFVSVMLPMLNPIHYSNKEKNAKMLNCKLSIVRKRVSPTLNIPIPSKATNRR----- : 345
AOLFR205. P : RLKAFSTCASHITAVLFFGSMVVMGSPSKNE-----AGKOTVITFVSVMLPMLNPIHYSNKEKNAKMLNCKLSIVRKRVSPTLNIPIPSKATNRR----- : 345
AOLFR206. P : RLKAFSTCASHITAVLFFGSMVVMGSPSKNE-----AGKOTVITFVSVMLPMLNPIHYSNKEKNAKMLNCKLSIVRKRVSPTLNIPIPSKATNRR----- : 345
AOLFR207. P : RLKAFSTCASHITAVLFFGSMVVMGSPSKNE-----AGKOTVITFVSVMLPMLNPIHYSNKEKNAKMLNCKLSIVRKRVSPTLNIPIPSKATNRR----- : 345
AOLFR208. P : RLKAFSTCASHITAVLFFGSMVVMGSPSKNE-----AGKOTVITFVSVMLPMLNPIHYSNKEKNAKMLNCKLSIVRKRVSPTLNIPIPSKATNRR----- : 345
AOLFR209. P : RLKAFSTCASHITAVLFFGSMVVMGSPSKNE-----AGKOTVITFVSVMLPMLNPIHYSNKEKNAKMLNCKLSIVRKRVSPTLNIPIPSKATNRR----- : 345
AOLFR210. P : RLKAFSTCASHITAVLFFGSMVVMGSPSKNE-----AGKOTVITFVSVMLPMLNPIHYSNKEKNAKMLNCKLSIVRKRVSPTLNIPIPSKATNRR----- : 345
AOLFR211. P : RLKAFSTCASHITAVLFFGSMVVMGSPSKNE-----AGKOTVITFVSVMLPMLNPIHYSNKEKNAKMLNCKLSIVRKRVSPTLNIPIPSKATNRR----- : 345
AOLFR212. P : RLKAFSTCASHITAVLFFGSMVVMGSPSKNE-----AGKOTVITFVSVMLPMLNPIHYSNKEKNAKMLNCKLSIVRKRVSPTLNIPIPSKATNRR----- : 345
AOLFR213. P : RLKAFSTCASHITAVLFFGSMVVMGSPSKNE-----AGKOTVITFVSVMLPMLNPIHYSNKEKNAKMLNCKLSIVRKRVSPTLNIPIPSKATNRR----- : 345
AOLFR214. P : RLKAFSTCASHITAVLFFGSMVVMGSPSKNE-----AGKOTVITFVSVMLPMLNPIHYSNKEKNAKMLNCKLSIVRKRVSPTLNIPIPSKATNRR----- : 345
AOLFR215. P : RLKAFSTCASHITAVLFFGSMVVMGSPSKNE-----AGKOTVITFVSVMLPMLNPIHYSNKEKNAKMLNCKLSIVRKRVSPTLNIPIPSKATNRR----- : 345
AOLFR216. P : RLKAFSTCASHITAVLFFGSMVVMGSPSKNE-----AGKOTVITFVSVMLPMLNPIHYSNKEKNAKMLNCKLSIVRKRVSPTLNIPIPSKATNRR----- : 345
AOLFR217. P : RLKAFSTCASHITAVLFFGSMVVMGSPSKNE-----AGKOTVITFVSVMLPMLNPIHYSNKEKNAKMLNCKLSIVRKRVSPTLNIPIPSKATNRR----- : 345

Figure 4

[illegible]

Figure 5_{2/5}

